**Chao Fan**

New York, NY • (914) 733-8425 • [fanchao05@gmail.com](mailto:fanchao05@gmail.com) • [www.linkedin.com/in/chaofan85/](http://www.linkedin.com/in/chaofan85/) • <https://github.com/chaofan85> • <https://www.chaofan.live/>

**Software Development Professional**

Accomplished, innovative, and goal-oriented professional with repeated success in the development, programming, and implementation of key solutions to maximize operational impacts. Talent for leading key projects with quality outcomes. Motivated professional consistently optimizing independent learning opportunities to enhance technical skills and knowledge. Collaborative communicator capable of building solid relationships with strategic partners to drive cohesive practices across multiple organizational levels.

*Software Development / Requirements Management / Visualization/ Database Design/Technical Optimization/System Analysis & Design/Full Stack Development/Agile Methodology*

**Technical Proficiencies**

|  |  |
| --- | --- |
| ***Development:*** | React, Redux, Ruby on Rails, PostgreSQL, Node.js, Express.js, MongoDB, HTML, CSS, Bootstrap, Material-UI |
| ***Platforms:*** | Heroku, Twilio |
| ***Programming:*** | JavaScript, Ruby |

**Professional Experience**

**Full Stack Developer** (6/2019 – Present) Transcendent Endeavors - New York, NY

Oversee the development of an NIH-funded product focused on proving healthcare professionals with the ability to track engagements to reduce no-show rates. Execute the Software Development Life Cycle (SDLC) aligned with established goals and requirements. Utilize various development tools including React, Redux, Ruby on Rails, and PostgreSQL to develop applications. Leveraged Heroku to deploy features and applications.

***Key Achievements:***

* Championed the successful completion of two versions of the application in 12 months.
* Effectively refactored application backend from Ruby on Rails and PostgreSQL to Node.js, Express.js, and MongoDB aligned with requirements.
* Currently collaborating on the launch of the product with the first acquired client.

**Software Developer Technical Instructor** (7/2018– 7/2019) App Academy - New York, NY

Provided instruction on the fundamentals of programming and data structures to a diverse group of students. Engaged with students to tutor on Ruby programming. Facilitated mock interviewing to expand student skills and communication.

**Key Achievements:**

* Spearheaded the execution of instruction to 200+ students while completing 300+ hours of open office hours for students.

**Education and Training**

**Master of Science in Information Systems** ׀ Baruch College

**Bachelor of Business Administration in Human Resources Management** ׀ University of International Business and Economics

***Professional Development:*** Full Stack Development – App Academy

***Highlighted Projects***

**Instaview** – Designed a single-page application enabling picture uploads, likes, and comments. (<https://instaview-app.herokuapp.com/#/> )

**GDP Map –** Partnered in the completion of a data visualization project analyzing annual GDP data. (<https://www.chaofan.live/GDP_Map/> )